

N729PCTUS sequence listing1.txt  
SEQUENCE LISTING

<110> NEOVACS

<120> non immunosuppressive immunogenic or vaccine  
composition comprising a mutated E7 protein  
of the HPV-16 virus

<130> NEOVACS - N729-PCT

<140>

<141>

<150> FR0205173

<151> 2002-04-24

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 92

<212> PRT

<213> artificial sequence

<220>

<223> artificial sequence  
description :E7-delta-21-26

<400> 1

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Met His Gly Asp Thr Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln
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Pro Glu Thr Thr Gln Leu Asn Asp Ser Ser Glu Glu Glu Asp Glu Ile
             20             25             30
Asp Gly Pro Ala Gly Gln Ala Glu Pro Asp Arg Ala His Tyr Asn Ile
             35             40             45
Val Thr Phe Cys Cys Lys Cys Asp Ser Thr Leu Arg Leu Cys Val Gln
             50             55             60
Ser Thr His Val Asp Ile Cys Thr Leu Glu Asp Leu Leu Met Gly Thr
             65             70             75             80
Leu Gly Ile Val Cys Pro Ile Cys Ser Arg Lys Pro
             85             90
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<210> 2

<211> 276

<212> ADN

<213> artificial sequence

<220>

<223> artificial sequence  
description :E7-delta-21-26

<400> 2

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gacagagccc attacaatat tgtaaccttt tgttgcaagt gtgactctac gcttcggttg 180
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N729PCTUS sequence listing1.txt

tgcgtagaaa gcacacacgt agacattcgt actttggaag acctgttaat gggcacacta 240  
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<210> 3  
<211> 98  
<212> PRT  
<213> Human papillomavirus type 16

<400> 3  
Met His Gly Asp Thr Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln  
1 5 10 15  
Pro Glu Thr Thr Asp Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser  
20 25 30  
Glu Glu Glu Asp Glu Ile Asp Gly Pro Ala Gly Gln Ala Glu Pro Asp  
35 40 45  
Arg Ala His Tyr Asn Ile Val Thr Phe Cys Cys Lys Cys Asp Ser Thr  
50 55 60  
Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile Cys Thr Leu Glu  
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Asp Leu Leu Met Gly Thr Leu Gly Ile Val Cys Pro Ile Cys Ser Arg  
85 90 95  
Lys Pro

<210> 4  
<211> 294  
<212> ADN  
<213> Human papillomavirus type 16

<400> 4  
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gctggacaag cagaaccgga cagagcccat tacaatattg taaccttttg ttgcaagtgt 180  
gactctacgc ttcggttggt cgtacaaagc acacacgtag acattcgtac ttggaagac 240  
ctgttaaatgg gcacactagg aattgtgtgc cccatctgtt ctcagaaacc ataa 294